

# **I. LISTING OF THE CLAIMS**

All pending claims are reproduced below. This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously presented): A method for producing a video collage, comprising the steps of:
  - segmenting a video into a plurality of video segments based upon global properties of the entirety of said video;
  - providing a video collage template having at least one individual video frame;
  - associating a video segment from said plurality of video segments with said individual video frame of said video collage template; and,
  - producing a video collage from said video collage template and said associated video segment.
2. (Original): The method of Claim 1, wherein said step of associating a video segment from said plurality of video segments includes the steps of:
  - selecting a plurality of video segments from said plurality of video segments; and,
  - associating each of said selected plurality of video segments with a respective individual frame of said video collage.
3. (Previously Presented): The method of Claim 1, wherein said step of associating a video segment from said plurality of video segments includes the steps of:
  - providing a plurality of representative images, wherein each representative image represents one of said plurality of video segments;
  - selecting a representative image from said plurality of representative images; and
  - associating said representative image with said individual video frame of said video collage template.

4. (Original): The method of Claim 1, further including the step of:  
providing a video segment template, wherein said video segment template contains a plurality of representative images, wherein each representative image is associated with one of said plurality of video segments; and,  
wherein said step of associating a video segment includes associating a representative image from said plurality of representative images with said individual video frame of said video collage template.
5. (Original): The method of Claim 1, wherein said step of segmenting said video includes segmenting said video into a selected number of segments.
6. (Original): The method of Claim 1, wherein said step of segmenting said video includes segmenting said video using a Genetic Segmentation Algorithm ("GSA").
7. (Original): The method of Claim 1 further including the step of compacting said associated video segment.
8. (Original): The method of Claim 7 wherein said step of compacting includes the steps of:  
assigning an importance value to said video segment;  
assigning a feature vector to said video segment; and,  
truncating a portion of said video segment based on said importance value and said feature vector.
9. (Original): The method of Claim 8 wherein the importance value relates to a size of said individual video frame with which said video segment is associated.
10. (Original): The method of Claim 8 wherein the feature vector relates to a content activity of said video segment.

11. (Currently amended): A video collage, comprising:  
a video collage template having at least one individual video frame; and,  
a representative image associated with a video segment, wherein said representative image is contained in said at least one individual video frame, and wherein the video segment is one of a plurality of video segments based upon global properties of the entirety of a video.

12. (Original): The video collage of Claim 11, wherein said video segment associated with said representative image may be viewed by selecting said representative image.

13. (Original): The video collage of Claim 11, wherein said video collage has a plurality of individual video frames, and wherein said plurality of individual video frames each contain a representative image, wherein each representative image is associated with a video segment.

14. (Original): The video collage of Claim 11, wherein said representative image is assigned an importance value based on a size of said individual video frame in which said representative image is contained.

15. (Original): The video collage of Claim 14, wherein a length of said video segment associated with said representative image is reduced based on said importance value.

16. (Original): The video collage of Claim 11, wherein said representative image is associated with a feature vector.

17. (Currently amended): A video collage, comprising:  
a video collage template having at least one individual video frame; and,  
a representative image associated with a video segment, wherein said representative image is contained in said at least one individual video frame and is associated with a feature vector;  
~~The video collage of Claim 16,~~ wherein a value of said feature vector is determined based on a size of said individual video frame and a content activity of said associated video segment.

18. (Currently amended): A video collage, comprising:  
a video collage template having at least one individual video frame; and  
a representative image associated with a video segment, wherein said representative image is  
contained in said at least one individual video frame and is associated with a feature vector;~~The~~  
~~video collage of Claim 16,~~ wherein a length of said representative image is reduced based on a value  
of said feature vector.

19. (Currently amended): A video collage user interface, comprising:  
a video collage template having at least one individual video frame;  
a video segment template including a plurality of representative images, wherein each  
representative image is associated with a video segment; and,  
a video segment selection device, wherein a plurality of video segments are selected based  
upon global properties of the entirety of a video.

20. (Original): The video collage user interface of Claim 19, wherein said video segment selection  
device is used for selecting a representative image and inserting said selected representative image  
into said at least one individual video frame.

21. (Currently amended): An apparatus for producing a video collage, comprising:  
a processor; and  
a processor readable storage medium in communication with said processor, containing  
processor readable program code for programming the apparatus to:  
segment a video into a plurality of video segments wherein the plurality of video  
segments are selected based upon global properties of the entirety of the video;  
provide a video collage template having at least one individual video frame;  
associate a video segment from said plurality of video segments with said individual  
video frame of said video collage template; and,

produce a video collage from said video collage template and said associated video segment.

22. (Original): The apparatus of Claim 21, wherein said processor readable program code for programming the apparatus to associate a video segment from said plurality of video segments includes processor readable program code for programming the apparatus to:

select a plurality of video segments from said plurality of video segments; and,  
associate said selected plurality of video segments with a respective individual video frame of said video collage template.

23. (Original): The apparatus of Claim 21, wherein said processor readable program code for programming the apparatus to segment a video includes processor readable program code for programming the apparatus to:

segment said video into a selected number of segments.

24. (Original): The apparatus of Claim 21, wherein said processor readable program code for programming the apparatus to segment a video includes processor readable program code for programming said apparatus to:

segment said video using a Genetic Segmentation Algorithm ("GSA").

25. (Original): The apparatus of Claim 21 further including processor readable program code for programming said apparatus to:

compact said associated video segment.

26. (Currently amended): An apparatus for producing a video collage, comprising:  
a processor;

a processor readable storage medium in communication with said processor, containing processor readable program code for programming the apparatus to:

segment a video into a plurality of video segments;

provide a video collage template having at least one individual video frame;  
associate a video segment from said plurality of video segments with said individual  
video frame of said video collage template;  
produce a video collage from said video collage template and said associated video  
segment; and  
program said apparatus to compact said associated video segment The apparatus of  
~~Claim 25~~

wherein said processor readable program code for programming said apparatus to  
compact said associated video segment includes processor readable program code for  
programming said apparatus to:

assign an importance value to said associated video segment;

assign a feature vector to said associated video segment; and,

truncate a portion of said associated video segment based on said importance value and said  
feature vector.

27 (Previously presented): A method for producing a video collage, comprising the steps of:

segmenting a video into a plurality of video segments;

providing a video collage template having at least one individual video frame;

associating a video segment from said plurality of video segments with said individual video  
frame of said video collage template, wherein said associating step further comprises:

providing a plurality of representative images, wherein each representative image  
represents one of said plurality of video segments;

selecting a representative image from said plurality of representative images; and

associating said representative image with said individual video frame of said video  
collage template;

compacting said associated video segment, wherein said step of compacting includes the  
steps of:

assigning an importance value to said video segment;

assigning a feature vector to said video segment; and,

truncating a portion of said video segment based on said importance value and said feature vector; and  
producing a video collage from said video collage template and said associated video segment.

28. (Previously presented) A method for producing a video collage, comprising the steps of:

segmenting a video into a plurality of video segments;  
providing a video collage template having at least one individual video frame;  
associating a video segment from said plurality of video segments with said individual video frame of said video collage template, wherein said associating step further comprises:

providing a plurality of representative images, wherein each representative image represents one of said plurality of video segments;  
selecting a representative image from said plurality of representative images; and  
associating said representative image with said individual video frame of said video collage template;

compacting said associated video segment, wherein said step of compacting includes the steps of:

assigning an importance value to said video segment, wherein the importance value relates to a size of said individual video frame with which said video segment is associated;

assigning a feature vector to said video segment, wherein the feature vector relates to a content activity of said video segment; and,

truncating a portion of said video segment based on said importance value and said feature vector; and

producing a video collage from said video collage template and said associated video segment.

29. (Previously presented) A video collage, comprising:

- a video collage template having at least one individual video frame;
- a representative image contained in said at least one individual video frame and associated with a video segment, wherein said video segment is viewable by selecting said representative image;
- a importance value assigned to said representative image and based on a size of said individual video frame in which said representative image is contained; and
- a feature vector associated with the representative image, wherein said feature vector is determined based on a size of said individual video frame and a content activity of said associated video segment.

30. (Previously presented) A video collage, comprising:

- a video collage template having at least one individual video frame;
- a representative image contained in said at least one individual video frame and associated with a video segment, wherein said video segment is viewable by selecting said representative image;
- a importance value assigned to said representative image and based on a size of said individual video frame in which said representative image is contained; and
- a feature vector associated with the representative image, wherein said feature vector is determined based on a size of said individual video frame and a content activity of said associated video segment, and wherein a length of said representative image is reduced based upon a value of said feature vector.

31. (Previously presented) An apparatus for producing a video collage, comprising:

- a processor;
- a processor readable storage medium in communication with said processor, containing processor readable program code for programming the apparatus to:
  - segment a video into a plurality of video segments using a Genetic Segmentation Algorithm ("GSA");



provide a video collage template having at least one individual video frame;  
associate a video segment from said plurality of video segments with said individual video frame of said video collage template;  
assign an importance value to said associated video segment;  
assign a feature vector to said associated video segment;  
truncate a portion of said associated video segment based on said importance value and said feature vector; and,  
produce a video collage from said video collage template and said associated video segment.